Out: August 21, 1996
Due: August 28, 1996

Homework 1:

Simple Scheme Programming

Do all of Exercises 2.2.7 and 2.2.8 in *EOPL* (pp. 50–54).

In doing the assignment, you may assume that the inputs to your functions have the correct type. This means that you need not check the inputs for validity. However, this also means that your function must behave gracefully (that is, not bomb) on all such inputs.

Your solution should consist of the required function definitions, including comments and any necessary auxiliary functions, and a suite of tests adequate to convince the grader that your solutions work correctly on all valid inputs.

You should turn in a hard-copy version of your solution, including a transcript of your tests. `(transcript-on` *filename*`)` will make a transcript of your session on the given file. `(transcript-off)` ends transcription and closes the transcript file.